

KINGS COUNTY
Countywide Integrated Waste Management Plan
5-Year Review Report


Prepared by:

Kings County Planning Agency
1400 W. Lacey Blvd.
Hanford, CA 93230
(559) 582-3211 ext. 2670

Date: June 21, 2005

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SECTION 1.0 COUNTY INFORMATION			
I certify that the information in this document is true and correct to the best of my knowledge, and that I am authorized to complete this report and request approval of the CIWMP 5-Year Review Report on behalf of:			
County or Regional Agency Name KINGS COUNTY		County KINGS	
Authorized Signature 		Title Planning Director	
Type/Print Name of Person Signing William R. Zumwalt	Date 6/21/05	Phone (559) 582-3211 ext. 2670	
Person Completing This Form (please print or type) Greg Gatzka	Title Assistant Director	Phone (559) 582-3211 ext. 2682	
Mailing Address 1400 W. Lacey Blvd.	City Hanford	State CA	Zip 93230
E-mail Address ggatzka@co.kings.ca.us			

SECTION 2.0 BACKGROUND

This is the County's first 5-Year Review Report since the approval of the CIWMP.

The jurisdictions in the County include Avenal and the Kings Waste And Recycling Authority (KWRA).

- ☒ Each jurisdiction in the County has a diversion requirement of 50% for 2000 and each year thereafter. No petition for a reduction in the 50% requirement or time extension has been requested by any of the jurisdictions.

Additional Information (e.g., recent regional agency formation, newly incorporated city, etc.)
KWRA is a regional agency consisting of the Cities of Corcoran, Hanford, and Lemoore, and County Unincorporated Areas. The City of Avenal is covered separately.

SECTION 3.0 LOCAL TASK FORCE REVIEW

1. The Local Task Force (LTF) includes the following members:

Name	Representative Of (e.g., City or County)
Joe Neves	Kings County
Jon Rachford	Kings County
Marcie Buford	City of Hanford
Tom Buford	City of Lemoore
Jim Wadsworth	City of Corcoran
Steve Sopp	City Of Avenal

2. In accordance with Title 14 CCR, Section 18788, the LTF reviewed each element and plan included in the CIWMP and finalized its comments:
☒ At the June 8, 2005, LTF meeting.
3. The county received the written comments from the LTF on June 15, 2005, beginning the 45-day period for submitting the 5-Year CIWMP Review Report to the Board and the LTF.
4. A copy of the LTF comments:
☒ was submitted to the Kings County Board of Supervisors on June 15, 2005.
5. In summary, the LTF comments conclude that information supplied in the draft 5-Year Review Report prepared by the Kings County Planning Agency provided sufficient information to supply to the CIWMB. A few additional minor points of clarification were added to the report by the LTF and have been incorporated herein.

SECTION 4.0 TITLE 14, CALIFORNIA CODE of REGULATIONS SECTION 18788 (3) (A) THROUGH (H)

The subsections below address not only the areas of change specified in the regulations, but also provide specific analysis regarding the continued adequacy the planning documents in light of those changes, including a determination as to whether each necessitates a revision to one or more of the planning documents.

Section 4.1 Changes in Demographics in the County

The following tables document the demographic changes in the county since 1990. The analysis addresses the adequacy of the planning documents in light of these changes and the need, if any, for revision.

- ☒ The residential/non-residential generation percentages have not changed significantly since the preparation of the planning documents.

Table 1. Demographics*

POPULATION			
Population For Each Jurisdiction	1990	2002	% Change
KWRA Population	91,699	118,700	23%
City of Avenal Population	9,770	14,850	34%
Countywide Population	101,469	133,600	24%

EMPLOYMENT			
Employment Factor For Each Jurisdiction	1990	2002	% Change
Countywide Employment	35,190	40,980	14%

TAXABLE SALES TRANSACTIONS			
Taxable Sales Factor For Each Jurisdiction	1990	2002	% Change
City of KWRA Taxable Sales	501,852	822,097	39%
City of Avenal Taxable Sales	10,516	12,452	16%
Countywide Taxable Sales Transactions	582,138	994,649	41%

Consumer Price Index			
Statewide Consumer Price Index	1990	2002	% Change
	128.0	186.1	31%

*Source: ☒ Board's Default Adjustment Factors
(<http://www.ciwmb.ca.gov/LGTools/DivMeasure/JuAdjFac.asp>)

Table 2. Dwelling Information

Jurisdiction	1991 Single Family Dwellings	2000 Single Family Dwellings	% Change	1990 Multi- Family Dwellings	2000 Multi- Family Dwellings	% Change	1990 Mobile Homes	2000 Mobile Homes	% Change
King Waste And Recycling Authority	21310	32505	34%	5872	6964	16%	1885	2193	14%
Avenal	1196	1341	11%	442	442	0%	138	142	3%

Source: <http://www.dof.ca.gov/HTML/DEMOGRAP/E-5.xls>

Analysis

- ☒ These demographic changes do not warrant a revision to any of the countywide planning documents. The basis for this determination is provided below.

As identified in Table 4 below, actual disposal rates for 2000 were below the 2000 projected tonnages as defined in the SRRE. Therefore, demographic changes are not considered to warrant a revision to the countywide planning documents at this time.

Section 4.2 Changes in Quantities of Waste within the County or Regional Agency; and Changes in Permitted Disposal Capacity and Waste Disposed in the County or Regional Agency

1. Changes in Quantities of Waste within the County or Regional Agency (as it relates to diversion program implementation)

The data below documents changes in reported disposal compared to original SRRE projections. Additionally, the Biennial Review findings for each jurisdiction are provided in Table 5 below to demonstrate progress in implementing the SRRE and achieving diversion mandates. The analysis at the end of this section addresses how these changes are being addressed (e.g., how existing, new or planned programs deal with the reported changes in the quantities of waste) relative to the jurisdictions' ability to meet and maintain the diversion goal and the need, if any, for a revision to one or more of the planning documents.

Disposal

The following table provides disposal data for the county from the Solid Waste Generation Study (1990) and each jurisdiction's Annual Reports (1995 through 2002).

Table 3. Disposal Totals (Tons)

Year	1990	1995	1996	1997	1998	1999	2000	2001	2002
KWRA	84,680	90,557	87,976	85,065	95,604	86,655	85,444	87,867	91,774
City of Avenal	6,229	8,026	8,082	8,323	8,443	10,807	8,432	9,451	9,725
Countywide	90,909	98,583	96,058	93,388	104,047	97,462	93,876	97,317	101,499

Sources (e.g., the Board's *Jurisdiction Disposal and Alternative Daily Cover Tons by Facility* <http://www.ciwmb.ca.gov/LGCentral/drs/reports/JurDspFa.asp>, *Single-year Countywide Origin Detail* at <http://www.ciwmb.ca.gov/LGCentral/drs/reports/Origin/WFOrgin.asp>): CIWMB/DRS

Table 4. Comparison of SRRE-2000 Projected Disposal Tonnage vs. 2000 Disposal Totals

The following table is a comparison of the SRRE-projected disposal tonnage to the 2000 disposal tonnage reported for each jurisdiction.

Jurisdiction	SRRE 2000 Projected	Disposal 2000 Reported	% Difference
KWRA	98,292	85,444	-13.07 %
City of Avenal	10,856	8,432	-22.33 %
Countywide	109,148	93,876	-13.99 %

Sources (e.g., the Board's *Jurisdiction Disposal and Alternative Daily Cover Tons by Facility* <http://www.ciwmb.ca.gov/LGCentral/drs/reports/JurDspFa.asp>, *Single-year Countywide Origin Detail* at <http://www.ciwmb.ca.gov/LGCentral/drs/reports/Origin/WFOrgin.asp>): Jurisdictional SRRE's

Diversion

The Biennial Review findings for the Kings Waste And Recycling Authority and the City of Avenal are listed in Table 5 to demonstrate each jurisdiction's progress in implementing its SRRE and achieving the mandated diversion requirements. Additionally, following this data is an explanation of any significant changes in diversion rate trends (e.g., report year tonnage modification, new or corrected Solid Waste Generation Study, newly implemented programs).

Table 5. Biennial Review Data for Kings County Jurisdictions (1990 to 2002)

Jurisdiction	Year	Diversion Rate	Biennial Review Status
KWRA	1995	N/A%	Compliance Fulfilled
	1996	N/A%	Compliance Fulfilled
	1997	N/A%	Board Accepted
	1998	37%	Board Accepted New Base Year

Jurisdiction	Year	Diversion Rate	Biennial Review Status
	1999	45%	Board Approved Good Faith Effort
	2000	49%	Board Approved Good Faith Effort
	2001	48%	Board Approved Good Faith Effort
	2002	47%	Board Approved Good Faith Effort
	2003	TBD%	Other
	2004	TBD%	Other

Avenal	1995	N/A%	Compliance Fulfilled
	1996	N/A%	Compliance Fulfilled
	1997	5%	Board Accepted
	1998	2%	Board Accepted
	1999	N/A%	Board Approved
	2000	60%	Board Approved with New Base Year
	2001	46%	Board Approved
	2002	55%	Board Approved
	2003	TBD%	Other
	2004	TBD%	Other

Sources (e.g., the Board's *Countywide, Regionwide, and Statewide Jurisdiction Diversion Progress Report*
<http://www.ciwmb.ca.gov/LGTools/MARS/jurdrsta.asp>):

Explanation of Diversion Rate Trends (if applicable)

- ☒ These changes in quantities of waste, as they relate to the meeting and maintaining the mandated diversion goals, do not warrant a revision to any of the countywide planning documents. The basis for this determination is provided in the analysis section below.

2. Changes in Permitted Disposal Capacity and Quantities of Waste Disposed in the County or Regional Agency

The following addresses whether changes in permitted disposal capacity and waste quantities (both imported from out of county and generated in the county) affect the county's ability to maintain 15 years of disposal capacity and includes a determination regarding the need for planning document revision.

- ☒ Adequate disposal capacity is available or planned to be made available to meet landfill needs over the next 15 years. Supporting documentation is provided below.

Analysis

The Avenal Regional Landfill (Facility No. 16-AA-0004) continues to have adequate disposal capacity to meet landfill needs over the next 15 years. This facility currently maintains a maximum daily capacity of 475 tons and is estimated to accommodate disposal demands for the next 17 years. In addition, an expansion was recently approved on April 25, 2005, that will increase daily capacity to 4,000 tons per day.

Jurisdictions covered under KWRA rely upon the Chemical Waste Management, Inc.-Kettleman Hills Facility (CWMI-KHF). This facility has approximately 34 months of disposal capacity remaining in Landfill Unit B19 as of January 1, 2005. This forecast assumes disposal of 1,350 tons per day (tpd) through June of 2005 and 1,500 tpd afterwards until the capacity of the unit is reached. A permit has been applied for with the Kings County Planning Agency to add a Bioreactor and thereby increase available tonnage capacity. The Bioreactor project is estimated to be approved during the summer of 2005.

Also, CWMI-KHF is proposing a new landfill, Landfill Unit B17, which is anticipated to be online and accepting waste when Landfill Unit B19 reaches capacity. The capacity of Landfill Unit B17 is 18.4 million cubic yards when completely built. The estimated life of Landfill Unit B17 at a disposal rate of 1,500 tpd is approximately 40 years.

Section 4.3 Changes in Funding Source for Administration of the Countywide Siting Element (CSE) and Summary Plan (SP)

The County continues to provide administration over the CSE and SP, and funding for this administration remains established through the County.

Analysis

- ☒ There have been no changes in funding source administration of the CSE and SP or the changes that have occurred do not warrant a revision to any of the countywide planning documents.

Section 4.4 Changes in Administrative Responsibilities

The KWRA continues to be responsible for regional programs.

Analysis

- ☒ There are no changes in administrative responsibilities and therefore do not warrant a revision to any of the planning documents.

Section 4.5 Programs that Were Scheduled to Be Implemented But Were Not

1. Progress of Program Implementation

a. Source Reduction and Recycling Element and Household Hazardous Waste Element

- ☒ All program implemented as a result of KWRA and Kings County's Compliance Order were updated and have been addressed on each of the past three years PARIS reports which were submitted electronically.

The curbside recycling program noted in the SRRE was the "old" Hanford City Recycling Program which was stopped over 12 years ago. The County then went to the "Yellow Bag" program that replaced curbside recycling in Hanford.

Landfill Salvage was never a program implemented due to safety concerns, and the last public landfill in the Joint Powers Authority closed in 1998.

b. Non-Disposal Facility Element

- ☒ There have been no changes in the use of nondisposal facilities (based on the current NDFE).

An amendment to the NDFE is currently proposed to add the Westlake Farms Co-Composting Facility. This facility is planned to receive out of County biosolids and process them into composting for use as a soil amendment on Westlake Farms or other marketed users. Some County generated green waste and/or agricultural crop residues may be used in the future. At such time as the actual County diversion of green waste may be determined, a change to the planning documents may be warranted.

c. Countywide Siting Element

- ☒ There have been no changes to the information provided in the current CSE.

d. Summary Plan

- ☒ There have been no changes to the information provided in the current SP.

2. Statement regarding whether Programs are Meeting their Goals

- ☒ The programs are meeting their goals.

Analysis

- ☒ The aforementioned changes in program implementation do not warrant a revision to any of the planning documents. The basis for this determination is provided below.

With the public's refusal to properly use the "Yellow Bag", the program was replaced in Kings County by simply making the Materials Recovery Facility (MRF) a "dirty MRF". Now all

recyclable materials picked up at the curb with municipal solid waste are hand picked from conveyor belts by MRF employees.

The three current programs that are most responsible for working towards the 50% goals are: 1) the dirty MRF; 2) the school bin program; and 3) the segregated green waste program.

To a lesser degree, a "Business Bin" program has been implemented in the Cities of Corcoran and Lemoore. The City of Corcoran just recently advertised for a new MSW contract with provisions for a 3rd can for co-mingled recyclables for its residents. The City of Lemoore is also looking into the feasibility of a 3rd can program to be implemented in the next 12-18 months. The City of Hanford has also implemented a Downtown Business District Cardboard Recycling operation.

Section 4.6 Changes in Available Markets for Recyclable Materials

The following discusses any changes in available markets for recyclable materials including a determination as to whether these changes affect the adequacy of the CIWMP such that a revision to one or more of the planning documents is needed.

There are no markets for 3-7 plastics in California. While some areas may have access to "spot markets", the State as a whole has no plastic 3-7 market which in itself greatly affects jurisdictions diversion rates. The Kings Waste & Recycling Authority, however, is in the process of exploring foreign markets for the export of 3-7 plastics.

Section 4.7 Changes in the Implementation Schedule

Below is discussion of changes in the implementation schedule and a determination as to whether these changes affect the adequacy of the CIWMP such that a revision to one or more of the planning documents is necessary.

As it is the aim of the jurisdictions within the County to continue working towards State diversion requirements, programs are implemented in a timely manner.

SECTION 5.0 OTHER ISSUES

The following addresses any other significant issues/changes in the county and whether these changes affect the adequacy of the CIWMP such that a revision to one or more of the planning documents is needed.

It should be noted that the City of Corcoran recently advertised an RFP for a new municipal solid waste contract that would provide a 3rd can for co-mingled recyclables. Although this proposal does not necessitate a change in any planning document currently, it may present changes relevant to the CIWMP.

SECTION 6.0 ANNUAL REPORT REVIEW

- ☒ The Annual Reports for each jurisdiction in the County have been reviewed, specifically those sections that address the adequacy of the CIWMP elements. No jurisdictions reported the need to revise one or more of these planning documents.

The annual reports have provided updated information concerning program implementation. Based upon these annual reports keeping information current, no revisions to the planning documents are considered to be needed at this time.

SECTION 7.0 SUMMARY of FINDINGS by COUNTY

The compiled information in the report indicates that sufficient landfill capacity is available or planned to be made available to cover the disposal needs of County residents over the next 15 years. In addition, source reduction, recycling and composting programs continue to make good faith efforts toward meeting State required diversion requirements. No significant changes have occurred that necessitate a revision to the Plan. Some minor changes may have occurred since the Plan's original adoption, however, the legal staff opinion of CIWMB is that minor changes or clarifying updates to the Plan should be handled through the Annual Reports.

SECTION 8.0 SUPPLEMENTARY INFORMATION

See attached Letter from the Office of Local Assistance which states that CIWMB legal staff has determined that jurisdictions can use their annual reports to the CIWMB to update program information.

Board Meeting
September 20-21, 2005
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Integrated Waste Management Board

Agenda Item 17
Attachment 1
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Letters from Office of Local Assistance

Five-Year Revision Letters

- October 28, 1998
- July 21, 2000

October 28, 1998

Re: Five-Year Revision

Letter prepared by Patrick Schiavo, Manager, Office of Local Assistance

The purpose of this letter is to clarify the Boards' oversight of the Five-Year revision process. While still maintaining the integrity and intent of AB 939, the Board is also very interested with assisting in the development of efficient and effective processes.

Existing law (PRC section 41770) states that "each countywide or regional agency integrate waste management plan, and the elements thereof, shall be reviewed, revised, if necessary, and submitted to the Board every five years in accordance with the schedule set forth under Chapter 7 (commencing with section 41800)." Review the following items for specifics regarding the Five-Year revision process.

- Title 14 of the California Code of Regulation, sections 18788 provides that the Five-Year revision schedule is calculated from the date of Board approval of the original Countywide Integrated Waste Management Plan and all its elements, not the approval dates of the individual elements.
- Submittal of Five-Year revisions is only required if either the Board or the jurisdiction determines that a revision would be necessary "to correct any deficiencies in the element or plan, (and) to comply with the source reduction and recycling requirements established under section 41780" as required by PRC section 41822.
- Jurisdictions completing the Five-Year revision may include the revision under cover of the existing Annual Report document that is to be submitted to the Board for that year. However, if submitting the five year revision with the Annual Report, the procedures set forth in 14 CCR 18788 must still be complied with before the Board can consider approval of the Five-Year revision document.

We hope this clarifies any questions you may have regarding the Five-Year revision process. If you have any questions regarding this process, please feel free to contact your Office of Local Assistance representative at (916) 341-6199.

July 21, 2000

Re: Five-Year Revision Process

Letter prepared by Cara Morgan, Acting Branch Manager Office of Local Assistance

Board Meeting
September 20-21, 2005

Agenda Item 17
Attachment 1

The purpose of this letter is to clarify the Board's oversight of the Five-Year revision process. The Board previously sent notification to jurisdictions on October 30, 1998 regarding the Board's oversight of the Five-Year revision process. While still maintaining the integrity and intent of AB 939, the Board is also very interested with assisting jurisdictions in the development of efficient and effective planning and reporting processes.

Existing law (PRC section 41770) states that "each countywide or regional agency integrated waste management plan, and the elements thereof, shall be reviewed, revised, if necessary, and submitted to the Board every Five-Years in accordance with the schedule set forth under Chapter 7 (commencing with section 41800)." The following items provide specific information regarding the Five-Year revision process.

- Title 14 of the California Code of Regulations, sections 18788 provides that the Five-Year revision schedule is calculated from the date of Board approval of the original Countywide Integrated Waste Management Plan and all its elements, not the approval dates of the individual elements.
- PRC section 18788 provides that prior to the fifth anniversary of Board approval of a countywide or regional agency integrated waste management plan (CIWMP or RAIWMP), or its most recent revision, the Local Task Force (LTF) shall complete a review of the CIWMP or RAIWMP in accordance with PRC sections 40051, 40052, and 41822, to assure that the county's and regional agency's waste management practices remain consistent with the hierarchy of waste management practices defined in PRC section 40051. The LTF shall submit written comments on areas of the CIWMP or RAIWMP, which require revision, if any, to the county or regional agency and the Board.
- Submittal of a Five-Year revision is only required if either the Board or the jurisdiction determines that a revision would be necessary "to correct any deficiencies in the element or plan, [and] to comply with the source reduction and recycling requirements established under section 41780" as required by PRC section 41822. The Board's Legal staff has determined that jurisdictions can utilize their Annual Reports to the Board to update program information where it has been determined that a revision is not necessary. In addition to the updates in the Annual Report, the LTF comments and the CIWMP/RAIWMP Review Report should be included.
- Jurisdictions that have determined that a Five-Year revision is necessary may include the revision under cover of the existing Annual Report document that is to be submitted to the Board for that year. The procedures set forth in 14 CCR 18788 must still be complied with before the Board can consider approval of the Five-Year revision document.

We hope this clarifies any questions you may have regarding the Five-Year revision process. If you have any questions regarding this process, please feel free to contact your Office of Local Assistance representative at (916) 341-6199.

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Last updated: June 09, 2005

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